

# *OXENO Utilize Insight Flame Scanners*

*OXENO Degussa - Marl Germany*



OXENO recently installed two of the Fireeye latest technology, Insight flame scanners on their plant in Marl Germany. The Insight scanners (95DSS1E-1) are a fully integrated design providing all the functionality of detection, amplification and signaling in a true “one piece” system. Insight equipment and full technical support was provided by the local Fireeye distributor based in Düsseldorf). The fuel fired at OXENO comprises some fifty different types of process gases from emptying of tankers trucks and gas holders.



(Lower Flame Scanner)

Because of the variations in exact gas mixtures used, changes in the amplitude and spectrum of the flame can result. Prior to using the Insight scanner this had to be overcome by mixing in larger volumes of costly natural gas with the process gases *simply to satisfy the flame detection*. This also limited the maximum input of waste gases ( of significant importance to the customer and local municipality).

With the new Insight scanners the customer has reliable and stable signals. They have therefore been able to reduce the natural gas used down to the minimum.

(Upper Flame Scanner)



***Thinking Beyond the Traditional..***

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